

Title (en)
ELECTROCHEMICAL CELL

Publication
EP 0123516 B1 19880622 (EN)

Application
EP 84302655 A 19840418

Priority
• GB 8310992 A 19830422
• GB 8328021 A 19831019

Abstract (en)
[origin: EP0123516A2] A solid state electrochemical cell comprises an anode having lithium as its active material, a polymeric electrolyte, and a cathode comprising a composite of an insertion electrode material or similarly active material and a polymeric material. One of the electrolyte and the cathode possesses an ionically conducting phase at ambient temperature and the other of the electrolyte and the cathode lacks such a phase, ionic conductivity can be induced in said other of the electrolyte and cathode at elevated temperature thereby to render the cell operable and give rise to improvements in comparison with cells where such phases are present ab initio.

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H01M 6/18

IPC 8 full level
H01M 4/06 (2006.01); **H01M 4/60** (2006.01); **H01M 6/18** (2006.01); **H01M 6/20** (2006.01)

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Cited by
EP0191484A1; FR2577718A1

Designated contracting state (EPC)
DE FR NL

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EP 0123516 A2 19841031; EP 0123516 A3 19860326; EP 0123516 B1 19880622; EP 0123516 B2 19911127; AU 2708984 A 19841025;
AU 572135 B2 19880505; CA 1216325 A 19870106; DE 3472335 D1 19880728; DK 200284 A 19841023; DK 200284 D0 19840418;
GB 2139410 A 19841107; GB 2139410 B 19860903; GB 8410049 D0 19840531; JP 2698340 B2 19980119; JP S6035462 A 19850223;
US 4547440 A 19851015

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